

# Biotinylated Recombinant Human NKG-2D/KLRK1/CD314 Protein

Catalog No.: RP02456 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	22914	P26718

### Tags

N-His&Avi

### Synonyms

KLRK1;CD314;D12S2489E;KLR;NKG2-D;NKG2D

## Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Biotinylated Recombinant Human NKG2D Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Phe78-Val216 ) of Human NKG2D fused with His tag and Avi tag at the N-terminal.

#### Bio-Activity

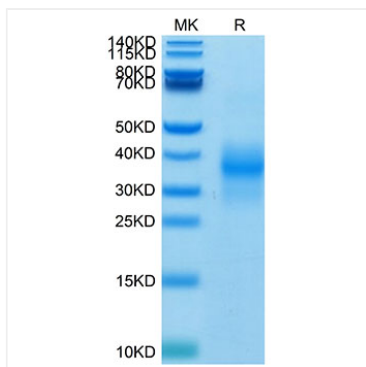
#### Storage

Store the lyophilized protein at -20°C to -80°C for long term.

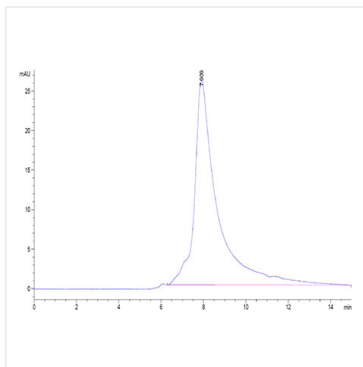
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

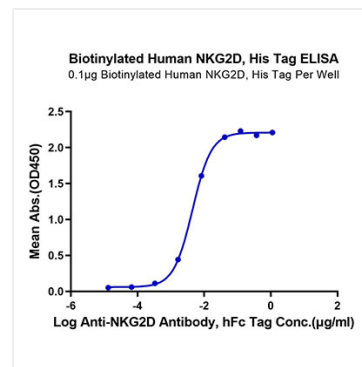
## Validation Data



Biotinylated Human NKG2D on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human NKG2D is greater than 95% as determined by SEC-HPLC.



Immobilized Biotinylated Human NKG2D, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-NKG2D Antibody, hFc Tag with the EC<sub>50</sub> of 4.4ng/ml determined by ELISA.